Release notes for ENDF/B Development n-055_Cs_136 evaluation



April 26, 2017

- checkr Warnings:
 - 1. A previous error halted parsing of the current section $MAT=5534,\ MF=1,\ MT=451\ (1)$: Parsing stopped

ERROR(S) FOUND IN MAT=5534, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER 210 TO 242

- checkr Errors:
 - 1. A variable is outside the allowed ENDF range MAT=5534, MF=1, MT=451 (0): Variable range

ERROR(S) FOUND IN MAT=5534, MF= 1, MT=451
MOD = 1 OUT OF RANGE 0 - 0 RECORD NUMBER 210

2. Missing a section in directory so your directory is messed up. This error will break everything else $MAT=5534,\ MF=2,\ MT=151\ (0)$: Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY RECORD NUMBER 244

3. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=3, MT=1 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY RECORD NUMBER 601

4. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=3, MT=2 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY RECORD NUMBER 631

5. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=3, MT=4 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT= 4
SECTION 3/ 4 NOT IN DIRECTORY RECORD NUMBER 654

6. Missing a section in directory so your directory is messed up. This error will break everything else $MAT=5534,\ MF=\ 3,\ MT=\ 16\ (0)$: Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY RECORD NUMBER 668

7. Missing a section in directory so your directory is messed up. This error will break everything else $MAT=5534,\ MF=3,\ MT=17\ (0)$: Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT= 17 SECTION 3/ 17 NOT IN DIRECTORY

RECORD NUMBER 680

8. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 5534, MF = 3, MT = 22 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT= 22 SECTION 3/ 22 NOT IN DIRECTORY

RECORD NUMBER 686

9. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=3, MT=28 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT= 28 SECTION 3/ 28 NOT IN DIRECTORY

RECORD NUMBER 700

10. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 5534, MF = 3, MT = 32 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT= 32 SECTION 3/ 32 NOT IN DIRECTORY

RECORD NUMBER 711

11. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=3, MT=33 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT= 33 SECTION 3/ 33 NOT IN DIRECTORY

RECORD NUMBER 720

12. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=3, MT=91 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT= 91 SECTION 3/ 91 NOT IN DIRECTORY

RECORD NUMBER 728

13. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=3, MT=102 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT=102 SECTION 3/102 NOT IN DIRECTORY

RECORD NUMBER 742

14. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=3, MT=103 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT=103 SECTION 3/103 NOT IN DIRECTORY

RECORD NUMBER 760

15. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=3, MT=104 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT=104 SECTION 3/104 NOT IN DIRECTORY

RECORD NUMBER 776

16. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 5534, MF = 3, MT = 105 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT=105 SECTION 3/105 NOT IN DIRECTORY

RECORD NUMBER 789

17. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 5534, MF = 3, MT = 107 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 3, MT=107 SECTION 3/107 NOT IN DIRECTORY

RECORD NUMBER 801

18. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 5534, MF = 4, MT = 2 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 4, MT= 2 SECTION 4/ 2 NOT IN DIRECTORY

RECORD NUMBER 818

19. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=4, MT=16 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 4, MT= 16 SECTION 4/ 16 NOT IN DIRECTORY

RECORD NUMBER 962

20. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=4, MT=17 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 4, MT= 17 SECTION 4/ 17 NOT IN DIRECTORY

RECORD NUMBER 973

21. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=4, MT=22 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 4, MT= 22 SECTION 4/ 22 NOT IN DIRECTORY

RECORD NUMBER 984

22. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=4, MT=28 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 4, MT= 28 SECTION 4/ 28 NOT IN DIRECTORY

RECORD NUMBER 995

23. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=4, MT=32 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 4, MT= 32 SECTION 4/ 32 NOT IN DIRECTORY

RECORD NUMBER 1006

24. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 5534, MF = 4, MT = 33 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 4, MT= 33 SECTION 4/ 33 NOT IN DIRECTORY

RECORD NUMBER 1017

25. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 5534, MF = 4, MT = 91 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 4, MT= 91 SECTION 4/ 91 NOT IN DIRECTORY

RECORD NUMBER 1028

26. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 5534, MF = 5, MT = 16 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 5, MT= 16 SECTION 5/ 16 NOT IN DIRECTORY

RECORD NUMBER 1040

27. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 5534, MF = 5, MT = 17 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 5, MT= 17 SECTION 5/ 17 NOT IN DIRECTORY

RECORD NUMBER 1107

28. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=5, MT=22 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 5, MT= 22

SECTION 5/ 22 NOT IN DIRECTORY

RECORD NUMBER 1137

29. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 5534, MF = 5, MT = 28 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 5, MT= 28 SECTION 5/ 28 NOT IN DIRECTORY

RECORD NUMBER 1337

30. Missing a section in directory so your directory is messed up. This error will break everything else MAT=5534, MF=5, MT=32 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 5, MT= 32 SECTION 5/ 32 NOT IN DIRECTORY

RECORD NUMBER 1453

31. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 5534, MF = 5, MT = 33 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 5, MT= 33 SECTION 5/ 33 NOT IN DIRECTORY

RECORD NUMBER 1513

32. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 5534, MF = 5, MT = 91 (0): Directory (b)

ERROR(S) FOUND IN MAT=5534, MF= 5, MT= 91 SECTION 5/ 91 NOT IN DIRECTORY

RECORD NUMBER 1552

- psyche Warnings:
 - 1. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 / STRENGTH FUNCTION 1.60000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 STRENGTH FUNCTION 1.60000E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

... [2 more lines]

2. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 / STRENGTH FUNCTION 1.60003E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 STRENGTH FUNCTION 1.60003E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

- ... [2 more lines]
- 3. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 / STRENGTH FUNCTION 1.60008E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 STRENGTH FUNCTION 1.60008E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

- ... [3 more lines]
- 4. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 / STRENGTH FUNCTION 1.59998E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04

STRENGTH FUNCTION 1.59998E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

... [3 more lines]

5. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 / STRENGTH FUNCTION 1.59995E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 STRENGTH FUNCTION 1.59995E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

... [1 more lines]

6. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 / STRENGTH FUNCTION 1.60005E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 STRENGTH FUNCTION 1.60005E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

7. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 / STRENGTH FUNCTION 1.59997E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 STRENGTH FUNCTION 1.59997E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

... [2 more lines]

8. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 / STRENGTH FUNCTION 1.60002E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 STRENGTH FUNCTION 1.60002E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

... [1 more lines]

9. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 / STRENGTH FUNCTION 1.60006E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 STRENGTH FUNCTION 1.60006E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

10. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 / STRENGTH FUNCTION 1.59992E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 STRENGTH FUNCTION 1.59992E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

11. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 / STRENGTH FUNCTION 1.60004E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 STRENGTH FUNCTION 1.60004E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

12. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 / STRENGTH FUNCTION 1.60001E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 STRENGTH FUNCTION 1.60001E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

13. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 / STRENGTH FUNCTION 1.59999E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.60000E-04 STRENGTH FUNCTION 1.59999E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

14. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 / STRENGTH FUNCTION 1.59998E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 STRENGTH FUNCTION 1.59998E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

... [4 more lines]

15. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 / STRENGTH FUNCTION 1.59992E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 STRENGTH FUNCTION 1.59992E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

... [3 more lines]

16. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 / STRENGTH FUNCTION 1.60004E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 STRENGTH FUNCTION 1.60004E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

... [4 more lines]

17. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 / STRENGTH FUNCTION 1.60000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 STRENGTH FUNCTION 1.60000E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

18. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 / STRENGTH FUNCTION 1.59996E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 STRENGTH FUNCTION 1.59996E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

... [2 more lines]

19. Strength function in URR not in agreement with PSYCHE's expectations $FILE\ 2\ /\ SECTION\ 151\ /\ ENERGY\ =\ 2.90000E+01.\ STRENGTH\ FUNCTION$

IS 1.59998E-04 / STRENGTH FUNCTION 1.59994E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 STRENGTH FUNCTION 1.59994E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

... [1 more lines]

20. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 / STRENGTH FUNCTION 1.60006E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 STRENGTH FUNCTION 1.60006E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

... [1 more lines]

21. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 / STRENGTH FUNCTION 1.60008E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 STRENGTH FUNCTION 1.60008E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

22. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 / STRENGTH FUNCTION 1.60002E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 STRENGTH FUNCTION 1.60002E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

23. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 / STRENGTH FUNCTION 1.59993E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 STRENGTH FUNCTION 1.59993E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

... [1 more lines]

24. Strength function in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04 / STRENGTH FUNCTION 1.60007E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2
SECTION 151
ENERGY = 2.90000E+01. STRENGTH FUNCTION IS 1.59998E-04
STRENGTH FUNCTION 1.60007E-04

LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

25. Non-threshold reaction with Q value differing from PSYCHE's expectations FILE 3 / SECTION 103 / THE CALCULATED Q 8.95551E+05 DISSAGREES WITH THE GIVEN Q 8.49462E+05 (0): Iffy Q

FILE 3
SECTION 103
THE CALCULATED Q 8.95551E+05 DISSAGREES WITH THE GIVEN Q 8.49462E+05

- recent Warnings:
 - 1. Fission widths given for non-fissile nucleus, but are zero 0: Fission?

- fudge-4.0 Warnings:
 - 1. The URR for this spin group needs higher energy resolution for correct representation of the average cross section resonances / unresolved (Error # 0): URRinsufficientEnergyGrid

WARNING: More points needed in L=0 J=4.5 unresolved widths between 29. eV and 1.e2 eV WARNING: More points needed in L=0 J=5.5 unresolved widths between 29. eV and 1.e2 eV WARNING: More points needed in L=1 J=3.5 unresolved widths between 29. eV and 1.e2 eV WARNING: More points needed in L=1 J=4.5 unresolved widths between 29. eV and 1.e2 eV ... plus 8 more instances of this message

2. Cross section does not match sum of linked reaction cross sections crossSectionSum label 0: total (Error # 0): CS Sum.

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 0.83%

- fudge-4.0 Errors:
 - 1. Energy range of data set does not match cross section range reaction label 1: n + Cs136_c / Product: n / Distribution: / uncorrelated energy XYs2d: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (50371.1 -> 20000000.0) vs (50371.0 -> 20000000.0)

2. Calculated and tabulated Q values disagree. reaction label 2: n[multiplicity:'2'] + Cs135 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -6642648.860565186 eV vs -6.7691e6 eV!

3. Calculated and tabulated Q values disagree. reaction label 3: n/multiplicity:'3'] + Cs134 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -15404638.38653564 eV vs -1.56012e7 eV!

4. Calculated and tabulated Q values disagree. reaction label 4: n + H1 + Xe135 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -7025123.418106079 eV vs -7145630. eV!

5. Calculated and tabulated Q values disagree. reaction label 5: n + H2 + Xe134 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -11164417.28219604 eV vs -1.12926e7 eV!

6. Calculated and tabulated Q values disagree. reaction label 6: n + H3 + Xe133 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -13459393.0247345 eV vs -1.36466e7 eV!

7. Calculated and tabulated Q values disagree. reaction label 7: Cs137 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 8463731.473388672 eV vs 8273390. eV!

8. Calculated and tabulated Q values disagree. reaction label 8: n + He4 + I132 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2878212.596801758 eV vs -3073890. eV!

9. Calculated and tabulated Q values disagree. reaction label 9: H1 + Xe136-s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 1054298.941070557 eV vs 849462. eV!

10. Calculated and tabulated Q values disagree. reaction label 10: H2 + Xe135-s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -4800557.317169189 eV vs -4835510. eV!

11. Calculated and tabulated Q values disagree. reaction label 11: $H3 + Xe134_s$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -4907184.341583252 eV vs -5107460. eV!

12. Calculated and tabulated Q values disagree. reaction label 12: He4 + I133_s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 5379815.362411499 eV vs 5.1982e6 eV!

- njoy2012 Warnings:
 - 1. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

 groupr...compute self-shielded group-averaged cross-sections (0): GROUPR/conver (0)
 - ---message from conver---cannot do complete particle production for mt= 16 only mf4/mf5 provided
 - 2. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

 groupr...compute self-shielded group-averaged cross-sections (1): GROUPR/conver (0)
 - ---message from conver---cannot do complete particle production for mt= 17 only mf4/mf5 provided
 - 3. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

 groupr...compute self-shielded group-averaged cross-sections (2): GROUPR/conver (0)
 - ---message from conver---cannot do complete particle production for mt= 22 only mf4/mf5 provided
 - 4. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

 groupr...compute self-shielded group-averaged cross-sections (3): GROUPR/conver (0)
 - ---message from conver---cannot do complete particle production for mt= 28 only mf4/mf5 provided
 - 5. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

 groupr...compute self-shielded group-averaged cross-sections (4): GROUPR/conver (0)
 - ---message from conver---cannot do complete particle production for mt= 32 only mf4/mf5 provided
 - 6. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

 groupr...compute self-shielded group-averaged cross-sections (5): GROUPR/conver (0)
 - ---message from conver---cannot do complete particle production for mt= 33 only mf4/mf5 provided

7. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

groupr...compute self-shielded group-averaged cross-sections (6): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 91 only mf4/mf5 provided